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MEMORANDUM

ATTENTION Senate **DATE** January 14, 2021
FROM Jeff Derksen,
Chair of Senate Graduate Studies
RE: Committee (SGSC)
Program Changes



For information:

Acting under delegated authority at its meeting of January 5, 2021, SGSC approved the following program changes, effective **Fall 2021**:

Faculty of Applied Science

School of Sustainable Energy Engineering

- 1) Program change: Sustainable Energy Engineering MASc

Beedie School of Business

- 2) Program change: Master of Business Administration MBA

Faculty of Environment

School of Resource and Environmental Management

- 3) Program change: Resource and Environmental Management PhD

MEMORANDUM

Attention Dr. Jeff Derksen
Dean, Graduate Studies

Date: Nov 16, 2020

From Dr. Parvaneh Saeedi, psaeedi@sfu.ca
Faculty of Applied Science, Graduate Studies Committee

Re: FAS-SEE's course change

The faculty of Applied Sciences Graduate Studies Committee would request for the calendar update for Master of Applied Science in Sustainable Energy Engineering program, effective fall 2021.

Two courses (MSE 812 and STAT 604) are added to the elective courses' of MASc program list. Both courses are strongly relevant to Energy and Sustainability, making them suitable for Sustainable Energy Engineering graduate students enrolled in that program.

Regards,
Parvaneh Saeedi





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MEMORANDUM

ATTENTION Associate Dean Research and Grad Studies, Faculty of Applied Sciences **DATE** 12 Nov 2020

FROM Dr. Colin Copeland, Graduate Program Chair, School of Sustainable Energy Engineering **PAGES** 1

RE: Addition of MSE 812 and STAT 604 to the list of SEE MASc eligible courses.

This memo is to accompany the calendar entry change request to add MSE 812 and STAT 604 to the list of eligible course articulated in the MASc program requirements.

This is anticipated to appear in the SEE calendar for Fall 2021.

The rational for the change is that MSE 812 and STAT 604 have been identified as courses that are strongly relevant to graduate students in SEE.

It is also worth noting that the statistics grad. chair, Joan Hu, has been informed and is happy that STAT 604 will be open to SEE students.

SEE Graduate Program Committee Chair

Calendar Entry Change for Master of Applied Science in Sustainable Energy Engineering

Summary of change: Addition of MSE 812 and STAT 604 to the list of eligible courses articulated in the MASc program requirements.
Rationale for change: MSE 812 and STAT 604 have been identified as courses that are strongly relevant to graduate students in SEE, in preparation for their thesis work.
Effective term and year: Fall 2021
Will this change impact current students? If yes, what is the plan for current students? There will be no adverse impact on current students.

FROM	TO
[...] Program Requirements This program consists of course work (12 units) and a thesis (18 units) for a minimum of 30 units. Students who lack the necessary background knowledge may, at the discretion of the supervisor or the supervisory committee, be asked to complete additional courses beyond the program requirements in order to broaden the students' preparation for undertaking thesis work. Students must complete SEE 896 - MASc Research Seminar (0) * and three of (with a minimum of two SEE courses) ENSC 801 - Linear Systems Theory (3) ENSC 802 - Stochastic Systems (3) ENSC 810 - Statistical Signal Processing (3) ENSC 833 - Network Protocols and Performance (3) ENSC 835 - Communication Networks (3) ENSC 854 - Integrated Microsensors and Actuators (3) MSE 722 - Fuel Cell Systems (3)	[...] Program Requirements This program consists of course work (12 units) and a thesis (18 units) for a minimum of 30 units. Students who lack the necessary background knowledge may, at the discretion of the supervisor or the supervisory committee, be asked to complete additional courses beyond the program requirements in order to broaden the students' preparation for undertaking thesis work. Students must complete SEE 896 - MASc Research Seminar (0) * and three of (with a minimum of two SEE courses) ENSC 801 - Linear Systems Theory (3) ENSC 802 - Stochastic Systems (3) ENSC 810 - Statistical Signal Processing (3) ENSC 833 - Network Protocols and Performance (3) ENSC 835 - Communication Networks (3) ENSC 854 - Integrated Microsensors and Actuators (3) MSE 722 - Fuel Cell Systems (3)

MSE 780 - Manufacturing Systems (3) MSE 821 - Advanced Conduction Heat Transfer (3) MSE 822 - Advanced Convection Heat Transfer (3) SEE 820 - Materials Design for Energy Systems (3) SEE 821 - Membranes and Filtration (3) SEE 850 - Energy Storage Systems (3) SEE 891 - Directed Studies (3) SEE 893 - Special Topics I (3) SEE 894 - Special Topics II (3) SEE 895 - Special Topics III (3) and one three unit graduate elective course in consultation with the supervisor and a thesis SEE 898 - MASc Thesis (18) * Students must enroll in this course every term. [...] .	MSE 780 - Manufacturing Systems (3) MSE 812 - Advanced 3D Printing (3) MSE 821 - Advanced Conduction Heat Transfer (3) MSE 822 - Advanced Convection Heat Transfer (3) SEE 820 - Materials Design for Energy Systems (3) SEE 821 - Membranes and Filtration (3) SEE 850 - Energy Storage Systems (3) SEE 891 - Directed Studies (3) SEE 893 - Special Topics I (3) SEE 894 - Special Topics II (3) SEE 895 - Special Topics III (3) STAT 604 - Analysis of Experimental and Observational Data (3) and one three unit graduate elective course in consultation with the supervisor and a thesis SEE 898 - MASc Thesis (18) * Students must enroll in this course every term. [...]
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Memo to SGSC

To: Senate Graduate Studies Committee
From: Carolyn Egri, Associate Dean Graduate Programs
Re: Calendar Changes
Date: December 1, 2020

The following curriculum revisions have been approved by the Beedie School of Business for the Part-Time Master of Business Administration program and are forwarded to the Senate Graduate Studies Committee for approval. This program should be effective for Fall 2021.

Please include them on the next SGSC agenda.

- **Calendar Entry Change for Master of Business Administration (subplan Part-time)**
- **~~Graduate Course Change Form: BUS 700~~**

Thank you for your attention herein. Should you have any questions or concerns, please do not hesitate to contact me.

Dr. Carolyn Egri
Professor, Management and Organization Studies/Business and Society
Associate Dean, Graduate Programs, Beedie School of Business

Calendar Entry Change for Master of Business Administration (subplan Part-time)

Summary of change: Adding BUS 700 Orientation course as a pre-requisite to the calendar for this subplan
Rationale for change: BUS 700 is being submitted as a new mandatory Orientation course that prepares business masters students for academic program expectations. The course will prepare the individuals, the team and the cohort to set the expectations of the program. Students will meet with others to create a foundation for effective team-based learning right from the start. Not taking part in this course is detrimental for the participant and the cohort and therefore it is proposed as a mandatory component for the programs. This change has already been reflected in the calendar entries for our other masters programs. This update brings the part-time MBA subplan in line with the other programs.
Effective term and year: Fall 2021 (1217)
Will this change impact current students? If yes, what is the plan for current students? No.

FROM	TO
[...]	[...]
PART-TIME MBA	PART TIME-MBA
Students in the part-time program must complete all of	Students in the part-time program must complete all of
BUS 510 - Financial and Managerial Accounting (4) BUS 552 - Managerial Economics (4) BUS 553 - Business Analytics (4) BUS 555 - Managerial Finance (4) BUS 556 - Marketing Management (4) BUS 557 - Managing People and Organizations (4) BUS 707 - Business Ethics (2)	BUS 700- Orientation (0)*** BUS 510 - Financial and Managerial Accounting (4) BUS 552 - Managerial Economics (4) BUS 553 - Business Analytics (4) BUS 555 - Managerial Finance (4) BUS 556 - Marketing Management (4) BUS 557 - Managing People and Organizations (4) BUS 707 - Business Ethics (2)

BUS 720 - Special Topics in Business Administration (2) BUS 726 - Business Innovation and Creativity (2) BUS 730 - Indigenous Business Environments in Community (2) BUS 733 - Negotiations (2) BUS 734 - Entrepreneurship (4) BUS 735 - Sustainability (4) BUS 736 - Leading Self & Others (2) BUS 737 - Business Strategy (4) BUS 738 - Operations Management (4) BUS 739 - Managing Information (4) BUS 741 - Indigenous Business Environments (2) [...]	BUS 720 - Special Topics in Business Administration (2) BUS 726 - Business Innovation and Creativity (2) BUS 730 - Indigenous Business Environments in Community (2) BUS 733 - Negotiations (2) BUS 734 - Entrepreneurship (4) BUS 735 - Sustainability (4) BUS 736 - Leading Self & Others (2) BUS 737 - Business Strategy (4) BUS 738 - Operations Management (4) BUS 739 - Managing Information (4) BUS 741 - Indigenous Business Environments (2) *** BUS 700 is a prerequisite for all courses in this program [...]
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DONGYA YANG, PH.D., ASSOCIATE DEAN, RESEARCH AND GRADUATE STUDIES
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MEMO

To: Dr. Jeff Derksen, Dean of Graduate Studies / Chair of SGSC
From: Dr. Dongya Yang, Associate Dean / Chair, Faculty of Environment Graduate Studies Committee
Subject: Removal of REM 802 from the calendar
Date: Nov 30, 2020
CC: Dr. Sean Markey, Graduate Chair of the School of Resource and Environmental Management

The Faculty of Environment Graduate Studies Committee has approved the request from the School of Resource and Environmental Management (REM) to remove REM 802 from the calendar, please include this item on the agenda for the next SGSC meeting.

The suggested change and the original memo from REM are attached.

Should you have any questions please feel free to contact me.

A blue ink handwritten signature, appearing to be "D. Yang", is written above a horizontal line.

Dongya Yang, Ph.D.
Associate Dean, Research and Graduate Studies
Professor of Bioarchaeology



TO: Dongya, Yang, Associate Dean, Faculty of Environment
FROM: Sean Markey, REM GSC Chair
RE: New Graduate Courses
DATE: November 30, 2020

Dear Dongya,

Attached, please find calendar entry change for regarding the removal of REM 802, Research Approaches for REM PhD Students, as a program requirement. We are proposing this change given that we are no longer able to (consistently) allocate teaching credit to the course, given course number targets.

Students will continue to get exposure to REM research methods via their senior supervisors and committee members. We are also encouraging the PhD cohort to incorporate elements of 802 (e.g. interdisciplinary research) into their seminar series.

Thank you for presenting to the Faculty Graduate Committee and beyond.

Best,

A handwritten signature in black ink, appearing to be "S. Markey".

Sean Markey
REM GSC Chair

Calendar Entry Change for Resource and Environmental Management Doctor of Philosophy

Summary of change: Remove REM 802 from the requirements
Rationale for change: Not able to allocate teaching credit.
Effective term and year: Fall 2021
Will this change impact current students? If yes, what is the plan for current students? Yes. An APR exception request can be submitted

FROM	TO
[...] Program Requirements This program consists of required courses, a thesis proposal, and a thesis for a minimum of 44 units. Students are required to maintain 3.67 CGPA throughout the program. Students complete both REM 698 - Field Resource Management Workshop (3) * REM 802 - Research Approaches for REM PhD Students (5) ** and courses in the three core areas (may be substituted with permission of graduate studies committee) REM 611 - Population and Community Ecology (5) REM 621 - Ecological Economics (5) REM 644 - Public Policy Analysis and Administration (5) and a thesis proposal	[...] Program Requirements This program consists of required courses, a thesis proposal, and a thesis for a minimum of 36 units. Students are required to maintain 3.67 CGPA throughout the program. Students complete REM 698 - Field Resource Management Workshop (3) * and courses in the three core areas (may be substituted with permission of graduate studies committee) REM 611 - Population and Community Ecology (5) REM 621 - Ecological Economics (5) REM 644 - Public Policy Analysis and Administration (5) and a thesis proposal REM 898 - Thesis Proposal (0)

REM 898 - Thesis Proposal (0) and a thesis REM 899 - PhD Thesis (18) * Normally completed in the first fall term ** Normally completed in the second term [...]	and a thesis REM 899 - PhD Thesis (18) * Normally completed in the first fall term [...]
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